

## **AMMUNITION and EXPLOSIVE SAFETY PROGRAM (NTC REG 385-64)**

### **Ammunition and Explosives Safety Standards**

#### **1. Purpose**

To develop, implement, and manage an Ammunition and Explosive Safety Program as an element of the overall Safety and Occupational Health Program at the National Training Center and Fort Irwin. This regulation is to be utilized in accordance with (IAW) Appendix J, Explosives Safety Program Management, outlined in DA Pam 385-64, Ammunition and Explosives Safety Standards. Army policy and procedures for ammunition and explosive safety are prescribed in AR 385-64, DA Pam 385-64, and FORSCOM Regulation 385-1.

#### **2. AMMUNITION & EXPLOSIVE SAFETY**

##### **1. General.**

a. Army policy and procedures for explosives and ammunition safety are prescribed in AR 385-64, DA Pam 385-64, and the chapter within FORSCOM Regulation 385-1 defining the FORSCOM Explosives Safety Program. This chapter provides supplemental guidance and information to assist leaders, supervisors, and personnel at the NTC & Fort Irwin accomplish the ammunition and explosive (A&E) safety mission.

b. The NTC & Fort Irwin Post Safety Office will coordinate explosive safety efforts for all units and activities assigned to the installation and liaison with units conducting training activities involving ammunition and explosives to promote A&E safety.

##### **3. NTC & Fort Irwin Safety Office Explosive Safety Responsibilities.**

a. The NTC & Fort Irwin Safety Director IAW provisions outlined in AR 385-10 will serve as the command point of contact for all safety related ammunition and explosive actions. The Safety Director will coordinate as applicable ammunition and explosive safety efforts with the Chief, QASAS assigned to MMC.

b. Safety specialists assigned to the NTC & Fort Irwin Safety Office will conduct assistance visits/surveys annually of all ammunition and explosive storage and operational areas and maintain records of surveys noting deficiencies and corrective actions as applicable.

c. Safety specialists assigned to the Post Safety Office will monitor ammunition and explosive operations to ensure that Army units understand and comply with all safety standards. Observations and advice will be provided to leaders and supervisors as necessary for corrective actions.

d. The NTC and Fort Irwin Post Safety Office will provide assistance, consultation, and regulatory guidance when requested to installation and tenant elements in relation to ammunition and explosive safety. QASAS personnel are also available to answer questions relating to ammunition and explosive safety and have specific training and mission requirements for A&E safety.

e. Coordinate with applicable installation elements in the preparation of explosive licenses and explosive site plans and safety submissions.

f. Coordinate with applicable installation elements the request for waivers and exemptions to ammunition and explosive safety standards.

g. Review QASAS inspection reports and provide assistance to help ensure corrective actions are taken for observed deficiencies.

h. Annually review and ensure that appropriate elements to include the G3 and Director of Public Works develop ammunition and explosive location maps. Ensure maps are distributed to critical elements involved in A&E operations or emergency response. The installation ammunition and explosive location maps must include the following as a minimum:

(1) Explosive hazard class and division and the maximum net explosives weight authorized at each site.



- (2) Explosive safety "clear zones" required around each location based on quantity distance criteria.
- (3) Primary and alternate explosive movement routes through the installation.
- (5) Any airfield locations for handling hung ordnance or gun-clearing operations.
- (6) Tactical vehicle upload and download areas (other than at authorized firing ranges).
- (7) Explosive support facilities, such as ammunition holding and distribution sites.

**4. APPENDICES Listed in NTC & Ft Irwin Regulation 385-10 Safety Program:**

- A. Unit Quarterly Safety Checklist
- B. Telephonic Mishap Report
- C. Respiratory Protection Certification Record
- D. Army Motor Vehicle Operations Checklist
- E. POV Inspection Checklist
- F. Motorcycle Inspection Checklist
- G. Holiday and Seasonal Safety Briefings
- H. Sketch of traffic guards during PT
- I. Personal Protective Equipment List
- J. Sample of DD Form 4755
- K. Confined Space Entry Checklist
- L. Recommendation of Safe Entry Checklist
- M. Occupational Safety and Health Training
- N. Sample Job Hazard Assessment Form
- O. Sample Appointment Orders
- P-R. Arms Room Risk Assessment and Ammunition Storage License Forms

**Section I- Range Control and Ammunition**

**1. NATIONAL TRAINING CENTER AND FORT IRWIN RANGES AND TRAINING AREAS  
(NTC Regulation 350-3)**

**2. RANGE / TRAINING AREA GENERAL PROCEDURES are located in NTC REG 350-3 Chapter 2.**

**3. USE OF RANGES: IAW chapter 3 of NTC REG 350-3.**

**4. USE OF TRAINING AREAS: IAW chapter 4 of NTC REG 350-3.**

**5. SAFETY: IAW NTC REG 350-3 Chapter 5, AR 385-63, DA PAM 385-63 and IAW DA PAM 385-64 and all applicable FM, TM and TC.**

**6. MUNITIONS: IAW AR 385-64 and DA PAM 385-64.**

**7. NTC Regulation 700-4 Ammunition Management**

- 1. This regulation specifies responsibilities, policies and procedures related to ammunition management within the boundaries of the National Training Center (NTC) and Fort Irwin. This regulation reinforces basic ammunition management policies found in Chapters 2 and 3, Army Regulation (AR) 710-2.
- 2. Chapter 2, NTC REG 700-4 specifies responsibilities, policies, and procedures related to the management of training ammunition.
- 3. AR 5-13 authorizes units/organizations to consume conventional ammunition and missiles during readiness training ammunition and quantities of ammunition needed to sustain individual and crew proficiency. These pamphlets are living documents and are updated as new weapons are fielded. Units/organizations use the models provided in these DA PAMs to compute the amount of ammunition and missiles needed to support training standards.
- 4. Forecasting: Training ammunition requirements determination is a peacetime activity based on data in DA



PAM 350-39 and projected training events such as individual weapons qualification. Field Training Exercises (FTX) and crew-served weapons qualification. These requirements determination process use the Training Ammunition Forecast Report (TAFR) DA Form 5514-R, which is prepared by unit/organizations and submitted through their Chain of command to the G3 Training Support Division (TSD) to forecast their training ammunition needs. Data from actual ammunition issues and turn-ins is furnished by the MMC Ammunition Management Division (AMD) Stock Control Office to the G3 TSD, Training Ammunition Manager, who uses this information to update the Training Ammunition Management Information System (TAMIS) data base.

5. Basic Load Ammunition Management ; Outlined in Chapter 3, NTC REG 700-4
6. Operational Load Ammunition Management; Outlined in Chapter 4
7. Contingency Plan Ammunition Management; Outlined in Chapter 5,
8. Responsibility for Ammunition; Outlined in Chapter 6, NTC REG 700-4
9. Transportation Of Ammunition; Outlined in Chapter 7, NTC REG 700-4
10. Ammunition Malfunctions/Misfires/Duds; Outlined in Chapter 8
11. Ammunition/Suspensions/Restrictions; Outlined in Chapter 9, NTC REG 700-4
12. Inspection of Ammunition Holding Areas and Field Ammunition Storage Sites; Outlined in Chapter 10
13. Ammunition Recovery Program; Outlined in Chapter 11
14. Training and Certification of Personnel Working in Ammunition Operations; Outlined in Chapter 12
15. Ammunition Supply Point (ASP) External SOP for Customers; Outlined in Chapter 13

## 8. BASIC LOAD AMMUNITION MANAGEMENT

**CLASS V AMMUNITION: NTC REG 350-1** chapter 5 outlines the policies and procedures for the Brigade Combat Team's (BCT) Class V (Live and Blank) while training at NTC. For units deploying to NTC, Fort Irwin Ammunition Supply Point (ASP) will provide all Class V (live and blank) training ammunition. NTC provides this ammunition; it is for rotational use only.

1. Rotational unit draws all ammunition required to support the rotation from Fort Irwin ASP on RSOI1 and RSOI2. At the end of the rotation, units will turn-in all remaining unexpended ammunition to Fort Irwin ASP on SUNDAY, REGEN 2, MONDAY REGEN 3, WEDNESDAY REGEN 5, THURSDAY REGEN 6 and FRIDAY REGEN 7. Before departure, units must clear ALL Class V documents. Basic ASP procedures involving the transportation orders, issues, and turn-ins are IAW DA PAM 710-2-1 and NTC & FICA REG 75-1.
2. NTC Installation Requirements.
  - a. The NTC Ammunition Manager will forecast all rotational unit ammunition requirements authorized by FORSCOM.
  - b. Units are authorized a standard package as specified in DA PAM 350-38. Units are not authorized to ship or deploy to Fort Irwin with any Class V materials, except by approval of Fort Irwin Ammunition Manager. The supply package of live and force-on-force ammunition consists of 40% of total STRAC exercise authorization.
  - c. NTC Ammunition Manager notifies the BDE Commander of his ammunition authorizations for use at NTC between D-180 & D-120. The BDE TF Commander is responsible to support all attached and supporting units from these authorizations.
  - d. NTC Ammunition Manager approves all DA Form 581's.
3. **Specific Rotational Unit Requirements.** Rotational units must provide their Class V requirements to a minimum of six weeks in advance of their training event at NTC in order for the ammo to arrive here in time. If the unit does not submit their Class V forecast timely, it may not be available at the installation. All ammunition requisitioned by the rotational unit will be delivered to FT Irwin and then the ASP will assume custody of the ammunition.



a. During the D-90 Conference, units have the opportunity to make changes to ammunition requirements previously forecasted. Increases are not allowed..

b. Rotational units provide E 581, DA Form 1687, and Assumption of Command Orders to NTC Installation Ammunition Manager NLT 15 days prior to the arrival of the advance party.

9. OPERATIONAL LOAD AMMUNITION MANAGEMENT

10. CONTINGENCY PLAN AMMUNITION MANAGEMENT

11. RESPONSIBILITY FOR AMMUNITION

12. TRANSPORTATION OF AMMUNITION

13. AMMUNITION MALFUNCTIONS / MISFIRES/ DUDS

Aircraft experiencing hang fire or weapons jam follow procedures outlined in NTC APG 3-12.

14. AMMUNITION/ SUSPENSIONS/RESTRICTIONS

15. INSPECTION OF AMMUNITION HOLDING AREAS AND FIELD AMMUNITION STORAGE SITES

16. AMMUNITION RECOVERY PROGRAM

17. TRAINING AND CERTIFICATION OF PERSONNEL WORKING IN AMMUNITION OPERATIONS

18. AMMUNITION SUPPLY POINT (ASP) EXTERNAL SOP FOR CUSTOMERS

14-19. CLASS V AMMO PROCEDURES

20. ACCESS TO IMPACT AREAS- All required data required for access to temporary dedicated and high hazard impact areas are located in the following references:

AR 385-63, Range Safety Program.

DA Pam 385-63

DA Pam 385-64

1. NTC & Fort Irwin supports the Range Safety Program by establishing policy and procedures for controlling access to the range complex IAW **AR 385-63, DA PAM 385-63/64 and NTC REG 350-3 policies for Range Complex access.** These standards and procedures apply to all personnel, units and activities requiring use or access to leach lake impact area.
2. Access to impact areas will be IAW AR 385-63, Chapter 2-9. And DA Pam 385-63, chapter 2-1 paragraph F.
3. Unauthorized persons are prohibited from entering the installation training complex. The installation range control officer is the approval authority for entry onto ranges and maneuver areas, and into any impact area (temporary, dedicated, or high hazard).



## Fort Irwin Ammunition Route

### Notes

- All trucks transporting CLV must use the designated Ammunition route
- Vehicles must be placarded while on Public transportation routes, Once vehicles leave PTR, HAZMAT placarding is no longer required

